

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	25 February 2025
Team ID	PNT2025TMID02527
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	5 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a user, I can collect data from multiple sources	2	High	Nikhil Mane
Sprint-1	Data Collection	USN-2	As a user, I can load the collected data into the system	1	High	Nikhil Mane
Sprint-1	Data Preprocessing	USN-3	As a user, I can handle missing values efficiently	3	High	Nikhil Mane
Sprint-1	Data Preprocessing	USN-4	As a user, I can handle categorical values	2	Medium	Nikhil Mane
Sprint-2	Model Building	USN-5	As a user, I can build a machine learning model	5	High	Sumit Devadkar
Sprint-2	Model Building	USN-6	As a user, I can test my machine learning model	3	High	Sumit Devadkar
Sprint-2	Deployment	USN-7	As a user, I can create working HTML pages for the project	3	Medium	Sumit Devadkar

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	8	5 Days	8 Feb 2025	12 Feb 2025	8	12 Feb 2025
Sprint-2	16	5 Days	19 Feb 2025	24 Feb 2025	16	24 Feb 2025

**Velocity:**

$$Velocity = \frac{\text{Total Story Points Completed}}{\text{Number of Sprints}}$$

$$Velocity = \frac{24}{2} = 12 \text{ (Story Points per Sprint)}$$

### Burndown Chart:

